



MNFLLSWVHWSLALLLYLHHAKWSQAAPMAEGGGQNHHEVVKFMDVYQRSYCHPIE
TLVDIFQEYPDEIEYIFKPSCVPLMRCGGCCNDEGLECVPTESNITMQIMRIKPHQGQ
HIGEMSFLQHNKCECRPKKDRARQEKC DKPRR

ATGAAC TTTCTGCTGTCTTGGGTGCATTGGAGCCTTGCCTTGCTGCTCTACCTCCA
CCATGCCAAGTGGTCCCAGGCTGCACCCATGGCAGAAGGAGGAGGGCAGAATCA
TCACGAAGTGGTGAAGTTCATGGATGTCTATCAGCGCAGCTACTGCCATCCAATCG
AGACCCTGGTGGACATCTTCCAGGAGTACCCTGATGAGATCGAGTACATCTTCAAG
CCATCCTGTGTGCCCCTGATGCGATGCGGGGGCTGCTGCAATGACGAGGGCCTG
GAGTGTGTGCCC ACTGAGGAGTCCAACATCACCATGCAGATTATGCGGATCAAAC
CTCACCAAGGCCAGCACATAGGAGAGATGAGCTTCCTACAGCACAACAAATGTGA
ATGCAGACCAAAGAAAGATAGAGCAAGACAAGAAAAATGTGACAAGCCGAGGCGG
TGA

FIG. 1

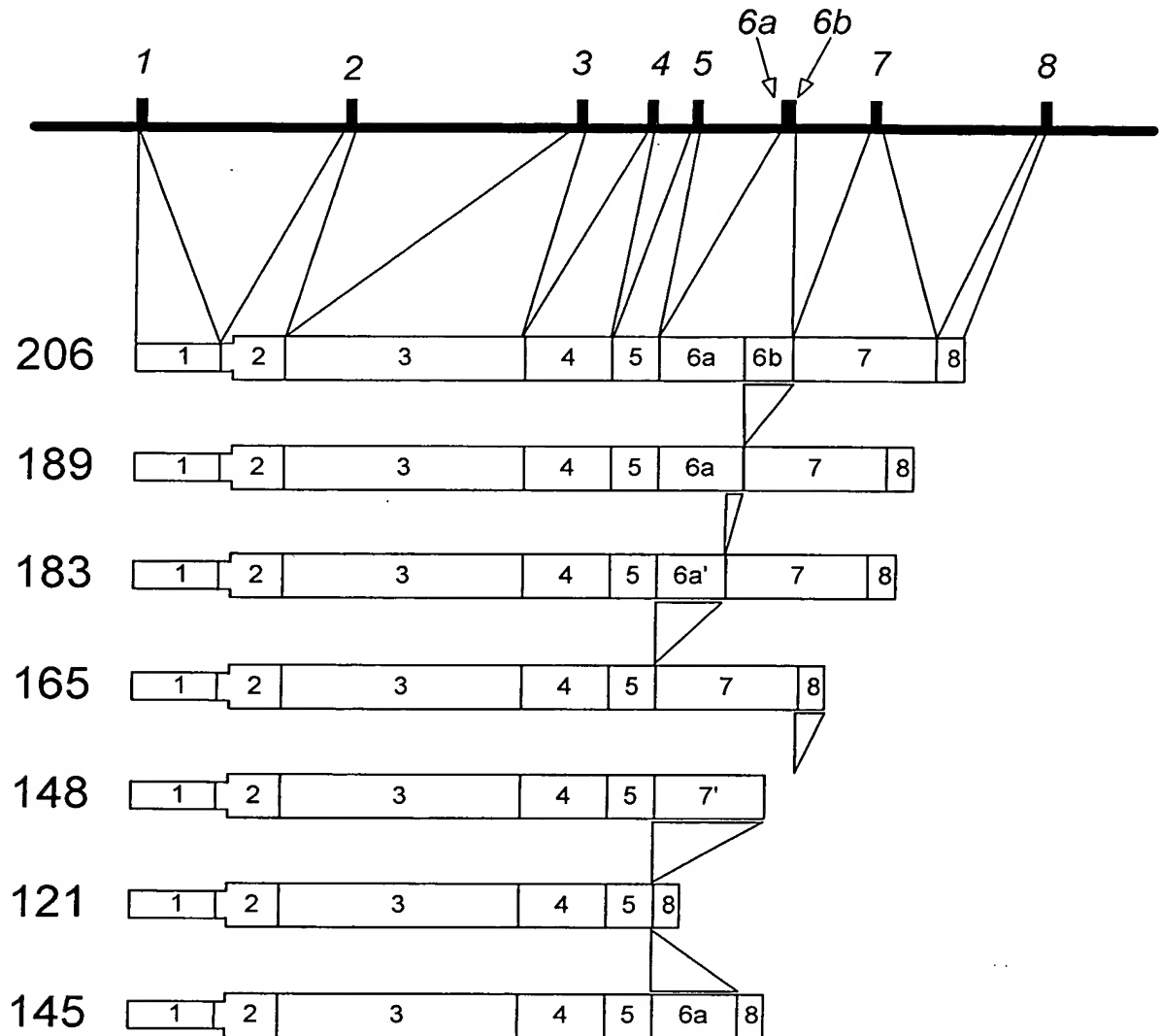
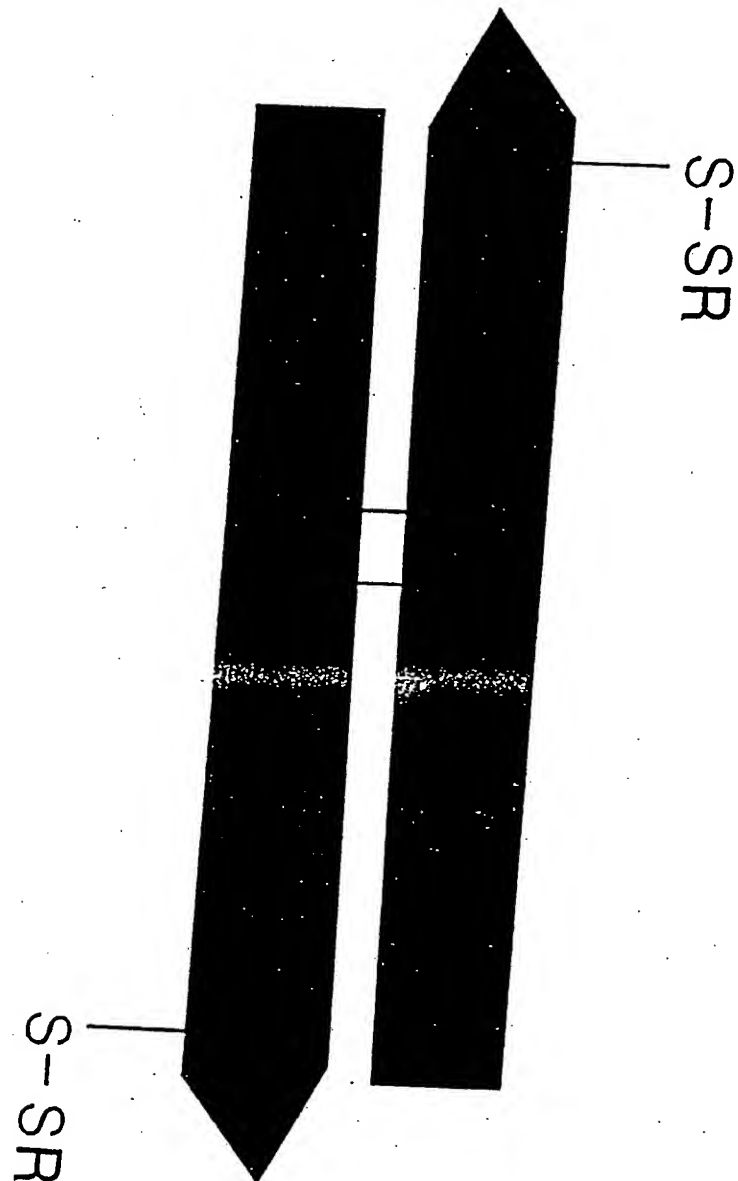


FIG. 2

BEST AVAILABLE COPY



Is VEGF 121 Cys116 a Mixed Disulfide?

FIG. 3

BEST AVAILABLE COPY



Is VEGF 121 Cys116 a Disulfide?

FIG. 4

BEST AVAILABLE COPY

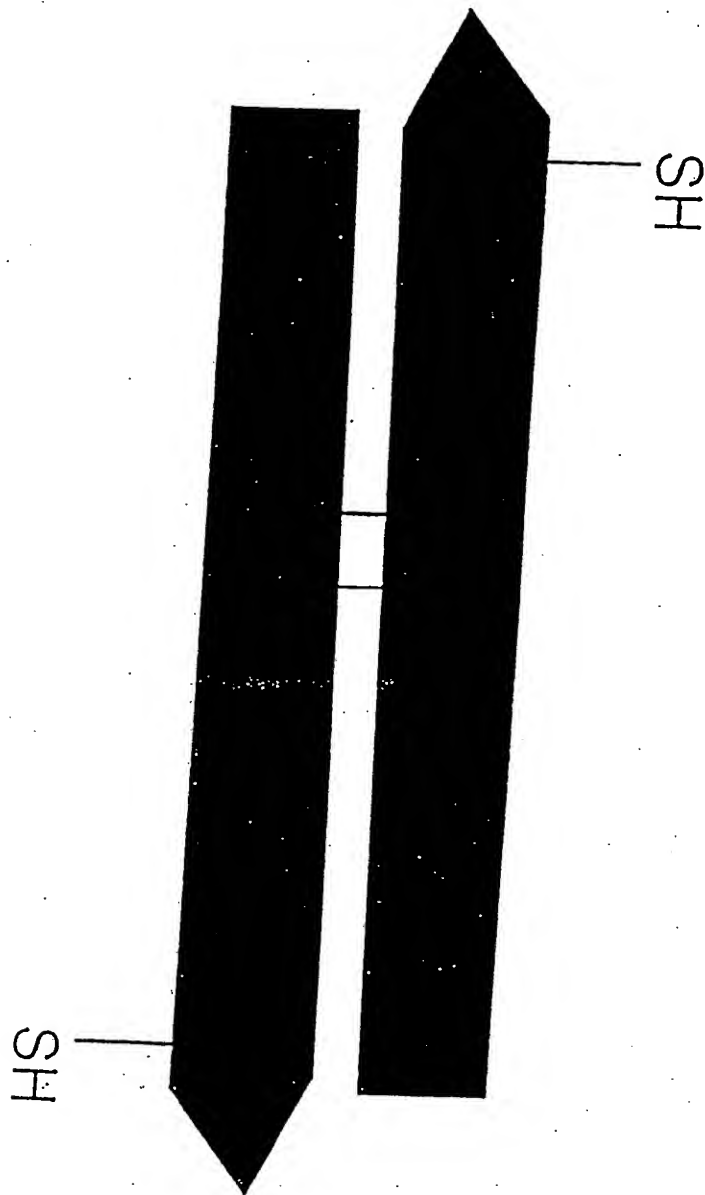
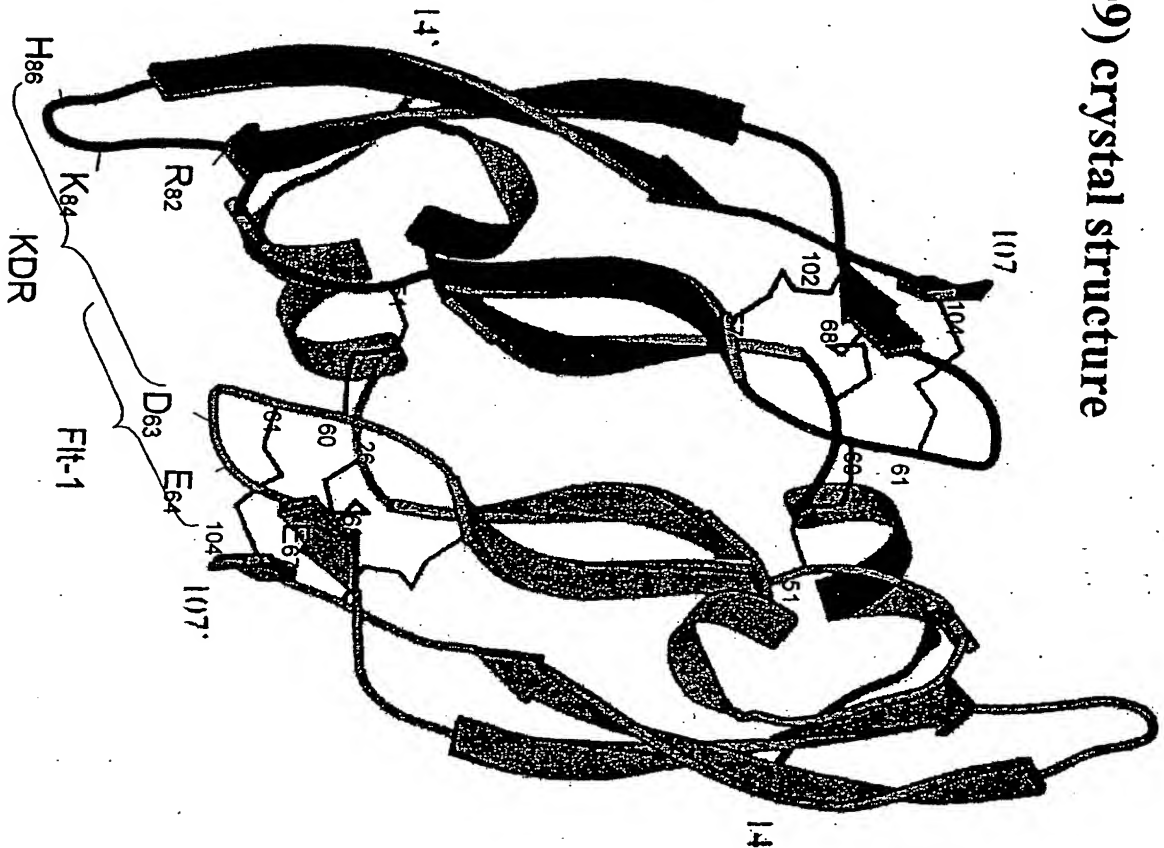


FIG. 5

VEGF (8-109) crystal structure

104 - 61 } intra s-s
 102 - 57 }
 26 - 68 }
 51 - 60 } inter s-s
 60 - 51 }



8-residue ring

104-s-s-61

102-s-s-57

pass through
the ring

68-s-s-26

BEST AVAILABLE COPY

Muller, Y.A. et al. PNAS, v94, p.7192, 1997

FIG. 6

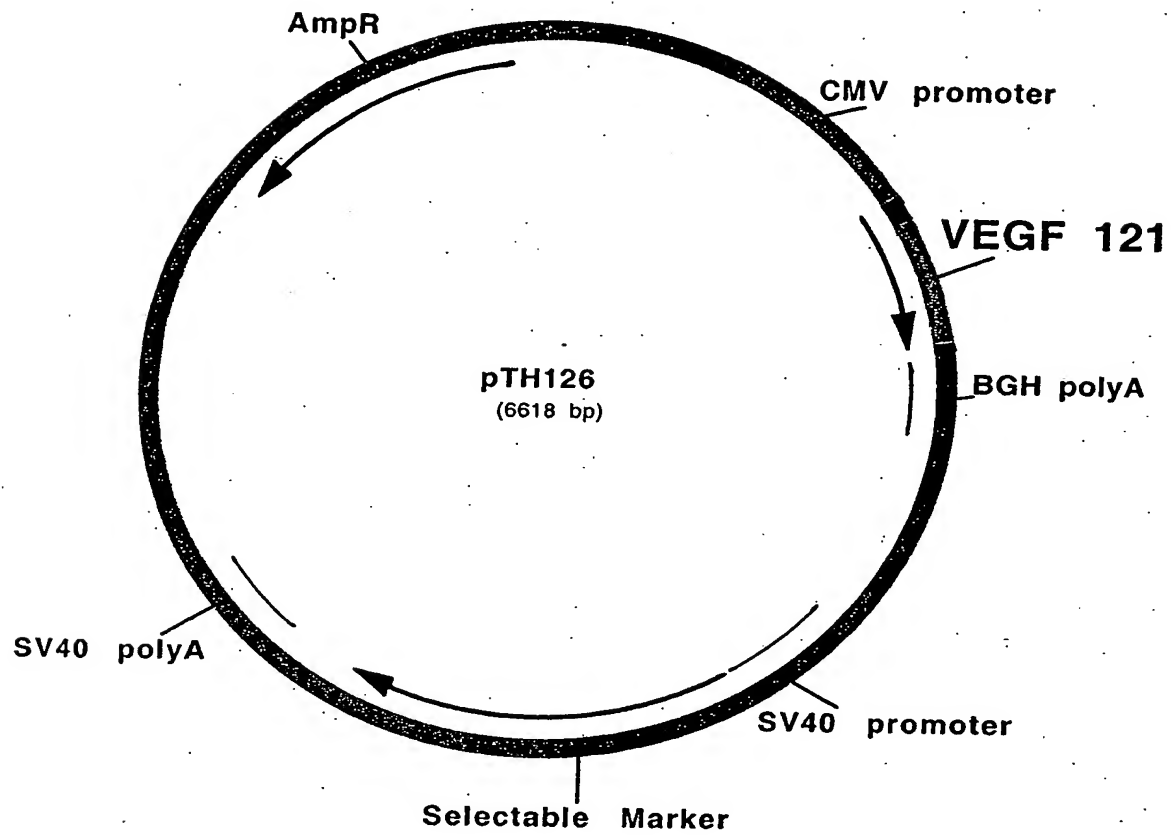


FIG. 7

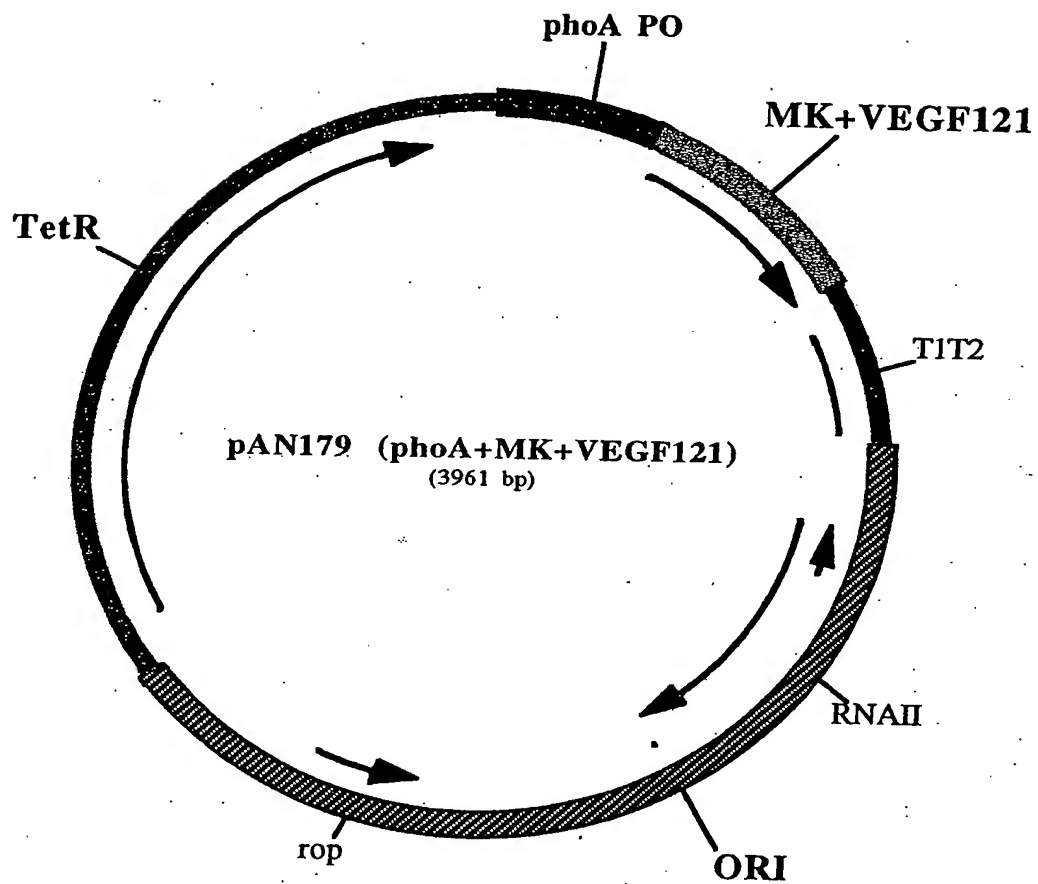


FIG. 8

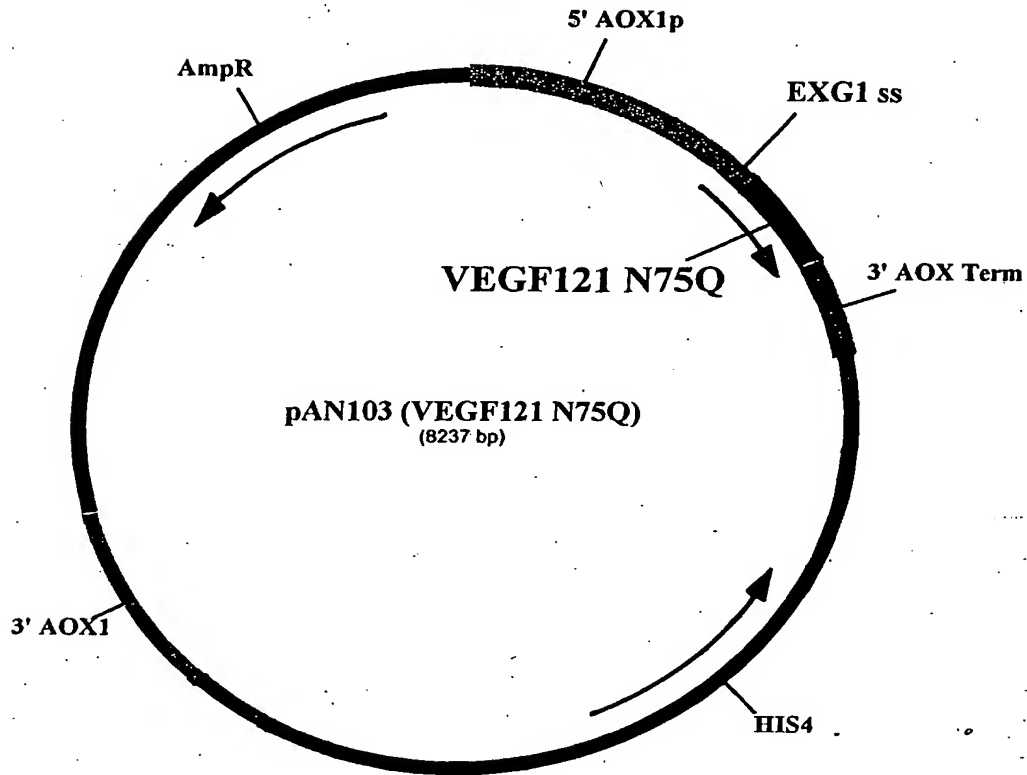


FIG. 9

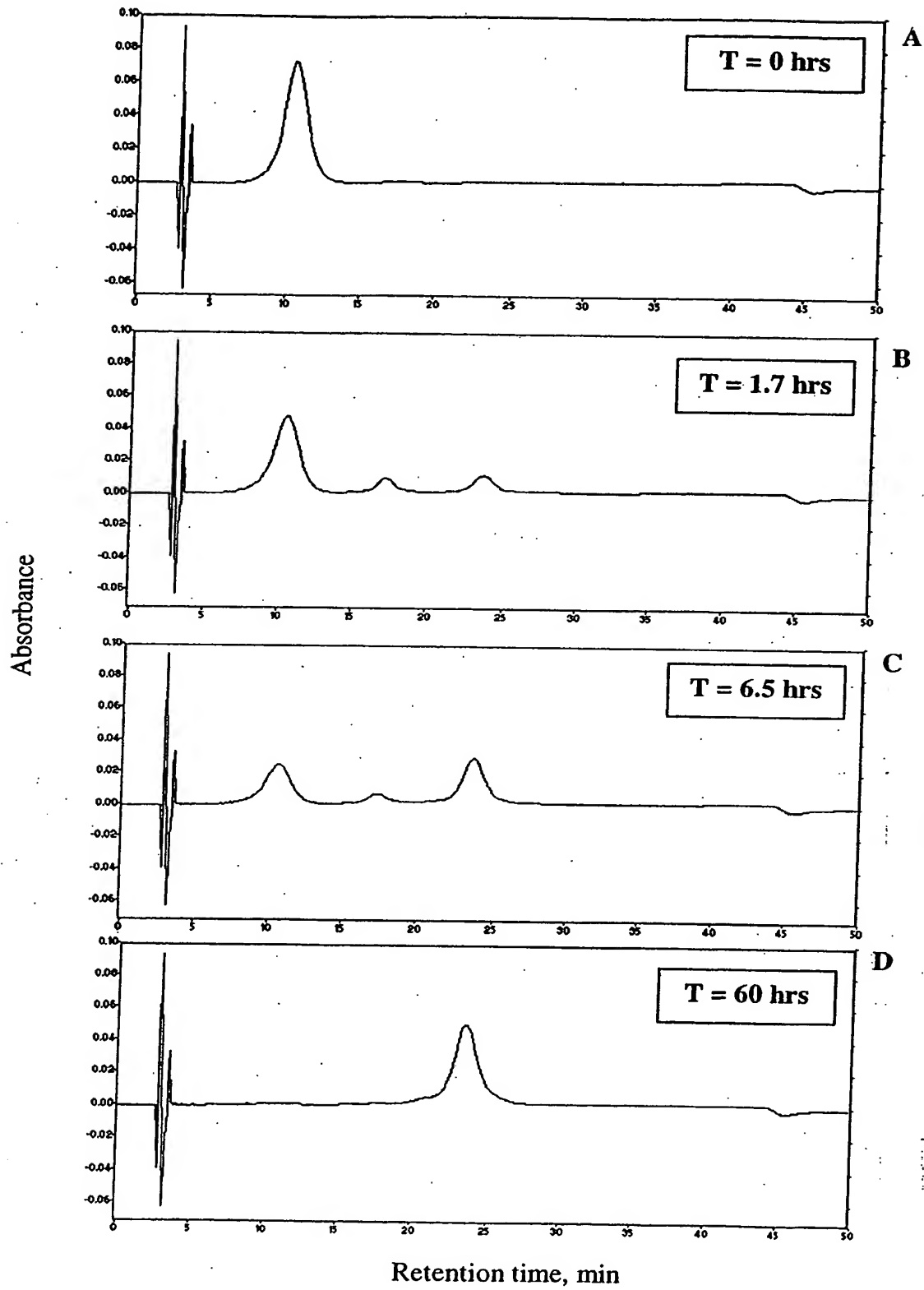
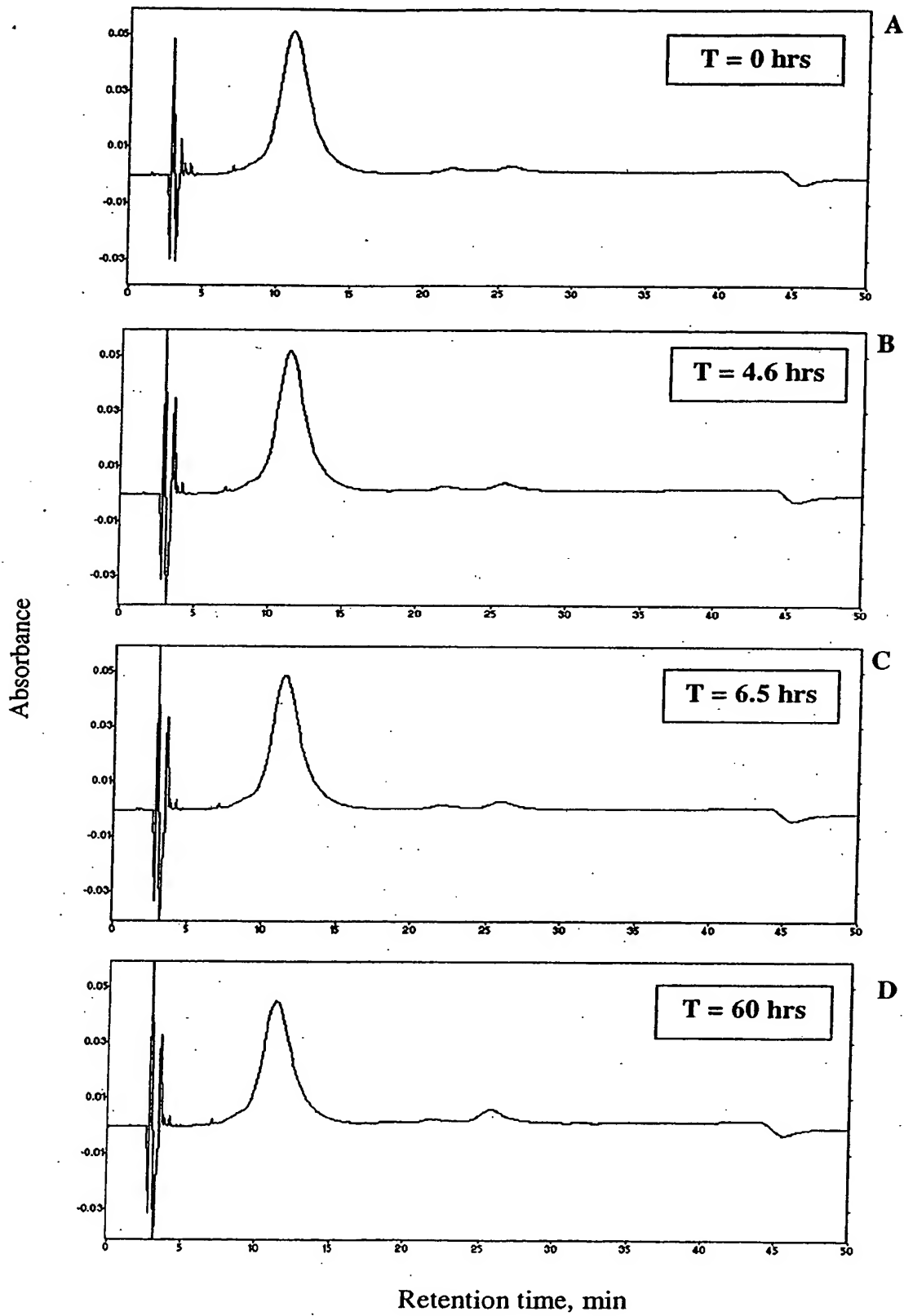


FIG. 10

**FIG. 11**

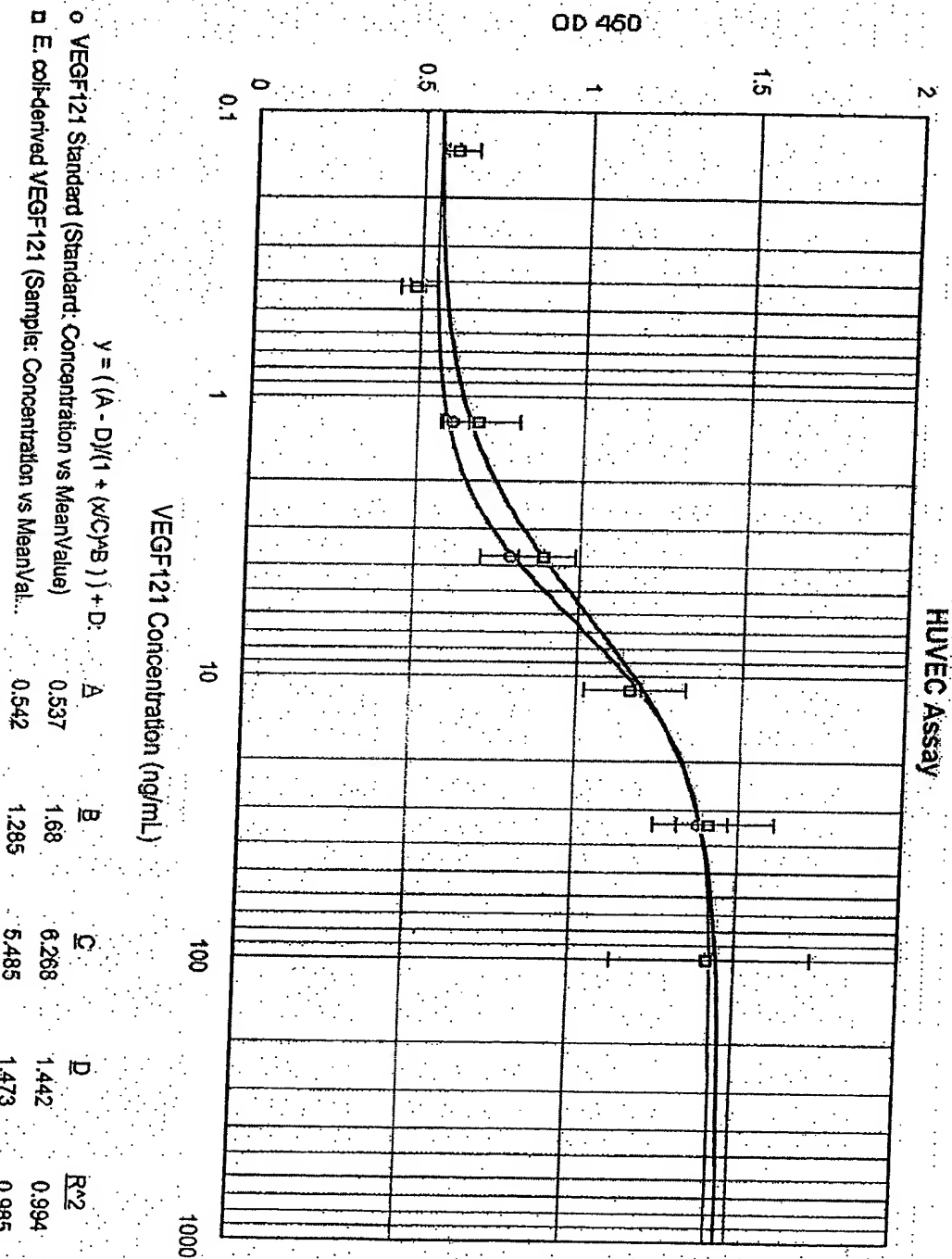


FIG. 12